

CLAIMS

1. Wristband with a clasp (1) including electrical connection means (2) for electrical connection to at least one electric or electronic component (23), the electrical connection means including an electric connector (2) arranged in one part of the clasp, said connector being configured so as to be able to be connected, when the  
5 clasp is in the open position, to a connector of complementary shape of an electric apparatus to carry out data and/or electric energy transmission with at least one electric or electronic component, characterized in that the electric connector fixed to one end of a strand (3) of the wristband forms a male part of the clasp, which is covered when the clasp is in the closed position by a fastening piece (6, 37, 43) of  
10 another end of the same strand or an end of the other wristband strand.
2. Wristband according to claim 1, characterized in that the electric connector defines an electric connector of the universal serial bus type so as to be able to be connected to a connector of complementary shape of a computer station for data transfer.
- 15 3. Wristband according to any of claims 1 and 2, characterized in that it includes the electric or electronic component electrically connected to the electric connector.
- 20 4. Wristband according to any of claims 1 to 3, characterized in that the clasp includes a male part formed by the connector, which can be inserted into a female part when the clasp is in the closed position.
- 25 5. Wristband according to claim 4, characterized in that the female part of another end of the same wristband strand or one end of another strand (4) of the wristband includes a cavity (37; 43) of complementary shape to the electric connector.
- 30 6. Wristband according to any of the preceding claims, characterized in that the clasp of the unfolding buckle type includes a base (10a, 10b; 30, 31), and two strips (11, 12) or two limbs (32, 33) each hinged to an opposite end of the base, the first strip (11) or the first limb (33) being connected to the end of a first wristband strand (3), whereas the second strip (12) or the second limb (32) is connected to the end of a second wristband strand (4), and in that the electric connector is fixed to the end of the first wristband strand.
- 35 7. Wristband according to claim 6, characterized in that the extending type base includes a receptacle (30) and an element (31) able to slide in part into the receptacle, the element being held in part inside the receptacle by a return spring (36) in the direction of a closed position of the clasp, in that the connector is fixed to one end of the first strand (3) with one part of the first limb (33), and in that the second

limb (32) is fixed to one end of the second strand (4), which includes the cavity (37) of complementary shape to the connector to receive the latter in the closed position.

8. Wristband according to claim 6, characterized in that the base includes two parallel arms (10a, 10b) separated by a central bar (17), one end of the first strip 5 (11) being hinged between the arms at one end of the arms, whereas one end of the second strip (12) is hinged between the arms to a second opposite end of the arms, in that the other end of the first strip is rotatably connected to a sleeve (14) fixed on exterior surfaces of the first strand (3), whereas the other end of the second strip is rotatably connected to a fastening piece (6) fixed to one end of the second strand (4), 10 this fastening piece covering the electric connector when the clasp is in the closed position, in that the fastening means are provided in the base and on the strips to lock one part of each strip into the base in the closed position, and in that an unlocking button (13) mounted on the base can be activated manually to release the strips from their closed position.

- 15 9. Wristband according to claim 8, characterized in that bellows (5) of the clasp are fixed to one end of the second wristband strand underneath the fastening piece to enclose and protect the electric connector when the clasp is in the closed position.

10. Wristband according to any of the preceding claims, characterized in that 20 the electronic component is a non-volatile memory (23) in which personal data can be stored, the memory being placed on a support fixed directly to the electric connector and electrically connected to conductive paths (8) of the connector.

11. Wristband according to any of the preceding claims, characterized in that the first wristband strand receiving the electric connector includes a hollow part from 25 the free end of the clasp which extends over at least one portion of the length of strand, this hollow part being delimited by a top wall and a bottom wall separated by two lateral walls, and in that one part of the electric connector with the memory support is housed and fixed into one portion of the hollow part.

12. Wristband according to claim 11, characterized in that several apertures 30 (21) of circular shape are regularly spaced on either side of the lateral walls of the hollow part of the flexible strand and in the lengthways direction of the wristband so that the size of the strand can be adjusted to a user's wrist.

13. Wristband according to any of claims 11 and 12, characterized in that the 35 part of the connector to be fixed can also include, in a transverse direction to the wristband, a through aperture (25) for the passage of a pin (20) to be secured to the wristband, and in that a sleeve (14; 44) placed on the external surfaces of the hollow part is fixed using the pin (20) with the electric connector, said securing pin passing

through one aperture of each lateral wall of the wristband strand in proximity to the end of said strand.

14. Wristband according to claim 4, characterized in that the connector of the universal serial bus type (2) includes at least one aperture (7) on an external wall for 5 cooperating with at least one hook (46a) of a locking member (46) of a securing unit (45) of the female part of the clasp in order to hold the clasp in the closed position when the connector is housed in a cavity (43) of complementary shape of the securing unit, one part of the locking member outside the securing unit being able to be activated manually in order to open the clasp.

10 15. Watch (50) including a wristband (1) with a clasp according to any of the preceding claims, the wristwatch having at least one electric or electronic component (52) electrically connected to electric connection means of the wristband, the electric connection means including an electric connector (2) arranged in one part of the clasp, said connector being configured so as to be able to be connected, when the 15 clasp is in the open position, to a connector of complementary shape of an electric apparatus to carry out electric energy and/or data transmission, characterized in that the electric connector fixed to one end of one wristband strand (3) forms the male part of the clasp, which is covered when the clasp is in the closed position by a fastening piece (6, 37, 43) of another end of the same strand or one end of another strand of 20 the wristband.

16. Watch (50) according to claim 15, characterized in that the electronic component is a non-volatile memory placed inside the case (53) of the watch, the component being electrically connected to the electric connector placed in one part of the clasp by a connection path bus (54), and in that the electric connector defines a 25 universal serial bus type connector so as to be able to be connected to a connector of complementary shape of a computer station for data transfer.